PTO/SB/21 (04-04)

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OIPE		Application Number	10/084,043			
TRANSMITTAL		Filing Date	February 27, 2	002		
I APR A O LUUU I	ORM	First Named Inventor	Joseph A. Kwa	ak		
(to be used for approve an approve after initial filing)		Art Unit	2662			
(to be used for all orre		Examiner Name	Saba Tsegaye			
Total Number of Pages i	in This Submission	Attorney Docket Number	I-2-0203.2US			
ENCLOSURES (Check all that apply)						
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Fee Transmittal	Form [Orawing(s)	l to ⊤	echnology Center (TC)		
Fee Attac	ched L	icensing-related Papers	of A	eal Communication to Board ppeals and Interferences		
Amendment/Rep	oly 🔲 F	Petition .		peal Communication to TC peal Notice, Brief, Reply Brief)		
After Fina		Petition to Convert to a Provisional Application		prietary Information		
	[-]	Power of Attorney, Revocation		tus Letter		
I 🗀		Change of Correspondence Addre	,33 <u> </u>	er Enclosure(s) (please		
Extension of Tim	ne Request	Terminal Disclaimer	l l	ntify below):		
Express Abando	nment Request	Request for Refund	Form P	TO-1449		
Supplemental Information Disci	losure Statement	CD, Number of CD(s)				
Certified Copy of Document(s)	Priority Remar	ks				
Response to Mis Incomplete Appli						
	e to Missing Parts					
under 37	CFR 1.52 or 1.53					
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F:		F APPLICANT, ATTORNI	EY, OR AGENT	· · · · · · · · · · · · · · · · · · ·		
or	nas A. Mattioli	Re	g. No. 56,773			
Individual name Volpe and Koenig, P.C.						
Signature The Kanatas						
Date April 13, 2006						
CERTIFICATE OF TRANSMISSION/MAILING						
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.						
Typed or printed name Thomas A. Mattioli						
Signature	Thu A Milton	-		Date April 13, 2006		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Our File: I-2-0203.2US

April 13, 2006

Date:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION of:

Joseph A. Kwak

Application No.: 10/084,043

Confirmation No.:

8075

Filed:

February 27, 2002

For:

METHOD FOR PHYSICAL

LAYER AUTOMATIC REPEAT REQUEST FOR

A BASE STATION

Group:

2662

Examiner:

Saba Tsegaye

INFORMATION DISCLOSURE STATEMENT INCLUDING RULE 1.704(d) STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicant wishes to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (*).

Per Rule 1.704(d), the undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, copy enclosed, and that this communication was not received by any individual designated in §1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement.

It is respectfully requested that the Examiner consider these documents and

Applicant: Joseph A. Kwak Application No.: 10/084,043

return an initialed copy of the PTO-1449 form indicating his/her consideration of the cited materials.

Respectfully submitted,

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TAM/ls Enclosure

FORM PTO-1449 ATTY. DOCKET NO. SERIAL NO. I-2-0203.2US 10/084,043 U.S. DEPARTMENT OF COMMERCE PATERY AND TRADEMARK OFFICE **APPLICANT** Joseph A. Kwak APR 1 8 2006 MATION DISCLOSURE THE MADE! **FILING DATE GROUP** STATEMENT BY APPLICANT February 27, 2002 2662 Use several sheets if necessary) **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE IF APPROPRIATE INITIAL DOCUMENT NUMBER DATE NAME CLASS SUBCLASS 4.912.705 03/1990 Paneth et al. 5,101,406 03/1992 Messenger 5,280,498 01/1994 Tymes et al. 5,345,439 09/1994 Marston 09/1994 Davidson 5,345,600 5,351,016 09/1994 Dent 5,544,196 08/1996 Tiedemann, Jr. et al. 5.570,369 10/1996 Jokinen 5,648,969 07/1997 Pasternak et al. 5,657,325 08/1997 Lou et al. 5,715,260 02/1998 Black et al. 5,729,557 03/1998 Gardner et al. 5,828,677 10/1998 Sayeed et al. 5,838,267 11/1998 Wang et al. 5,946,320 08/1999 Decker 5,956,624 09/1999 Hunsinger et al. 5,982,760 11/1999 Chen 5,983,382 11/1999 **Pauls** 5,983,383 11/1999 Wolf 5,983,384 11/1999 Ross 6,021,124 02/2000 Haartsen 6,049,549 04/2000 Ganz et al. 6,064,692 05/2000 Chow 6,128,276 10/2000 Agee 6,130,918 10/2000 Humphrey et al 6,134,694 10/2000 Uebayashi et al. DATE CONSIDERED **EXAMINER**

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3	FORM PTO-1449		ATTY. DOCKET NO. I-2-0203.2US	SERIAL NO. 10/084,043
	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ICANT A. Kwak
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE February 27, 2002	GROUP 2662
	(Use several sheets if necessary)			
		U.S. PATENT	DOCUMENTS	
	6,138,260	10/2000	Ketseoglou	
	6,145,108	11/2000	Ketseoglou	
	6,154,489	11/2000	Kleider et al.	
	6,189,123	02/2001	Anders Nystrom et al.	
	6,208,663	03/2001	Schramm et al.	
	6,212,240	04/2001	Scheibel, Jr. et al.	
	6,212,659	04/2001	Zehavi	
	6,233,711	05/2001	Murayama et al.	
	6,272,183	08/2001	Berens et al.	
	6,275,488	08/2001	Cudak et al.	
	6,289,003	09/2001	Raitola et al.	
	6,308,294	10/2001	Ghosh et al.	
	6,317,418	11/2001	Raitola et al.	
	6,359,877	03/2002	Rathonyi et al.	
	6,366,601	04/2002	Ghosh et al.	
	6,370,669	04/2002	Eroz et al.	
	6,449,246	09/2002	Barton et al.	
	6,522,650	02/2003	Yonge et al.	
	6,529,561	03/2003	Sipola	
	6,647,076	11/2003	Schenk et al.	
	6,735,180	05/2004	Malkamäki et al.	
	6,760,860	07/2004	Fong et al.	
	* 2002-0034182	03/2002	Mallory, Tracy D.	
	2002/0037058	03/2002	Birru	
	2002/0064167	05/2002	Khan et al.	
	2003/0039226	02/2003	Kwak	

EXAMINER	DATE CONSIDERED

Sheet 3 of 3 FORM PTO-1449 ATTY. DOCKET NO. SERIAL NO. 1-2-0203.2US 10/084,043 U.S. DEPARTMENT OF COMMERCE **APPLICANT** PATENT AND TRADEMARK OFFICE Joseph A. Kwak INFORMATION DISCLOSURE **FILING DATE GROUP** STATEMENT BY APPLICANT February 27, 2002 2662 (Use several sheets if necessary) FOREIGN PATENT DOCUMENTS EXAMINER INITIAL FILING DATE IF DOCUMENT NUMBER DATE NAME SUBCLASS CLASS **APPROPRIATE** 2003-4618 01/2003 KR 97118086 07/1999 RU 2179370 02/2002 RU 2195768 12/2002 RU 2001126714 RU 07/2003 2221338 RU 01/2004 2221339 01/2004 RU 2235432 08/2004 RU 03/019817 03/2003 WO 03/019376 03/2003 WO 03/019812 03/2003 WO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

"Hybrid ARQ Methods for FDD in Release 2000," TSG-RAN Working Group 1 Meeting #14, Oulu, Finland, July 4-7, 2000
"Physical Layer Aspects of UTRA High Speed Downlink Packet Access," 3GPP TR 25.848 V4.0.0 (2001-03), pp. 1-89.

EXAMINER	DATE CONSIDERED